

- c. Loose engine mounting bolts.
- d. Damaged steering shaft bearings.
- e. Loose mounting bracket.

BRAKES

The front and rear brakes are critical to riding performance and safety. Inspect the brakes frequently and repair any problem immediately. When replacing or refilling the front brake fluid, use only DOT 3 or DOT 4 brake fluid from a sealed container. See Chapter Thirteen for additional information on brake fluid selection and drum brake service.

Front Drum Brake

If the front drum brakes are not working properly, check for one or more of the following conditions.

1. Incorrect front brake adjustment.
2. Air in brake line.
3. Brake fluid level too low.
4. Loose brake hose banjo bolts. Brake fluid is leaking out.
5. Loose or damaged brake hose or line.
6. Worn or damaged brake drum.
7. Worn or damaged brake linings.
8. Oil on brake drum or brake lining surfaces.
9. Worn or damaged wheel cylinder(s).

10. Weak or damaged brake return springs.

Rear Drum Brake

If the rear drum brake is not working properly, check for one or more of the following conditions.

1. Incorrect rear brake adjustment.
2. Incorrect brake cam lever position.
3. Worn or damaged brake drum.
4. Worn or damaged brake linings.
5. Oil on brake drum or brake lining surfaces.
6. Worn or damaged wheel cylinder(s).
7. Weak or damaged brake return springs.

Water Entering the Front Brake Drum(s)

1. Damaged waterproof seal.
2. Incorrectly installed waterproof seal.
3. Loose or unsealed wheel cylinder assembly.
4. Damaged hub O-ring.
5. Loose front axle nut.
6. Damaged brake panel O-ring.
7. Damaged wheel hub dust seal.
8. Damaged brake drum dust seal.
9. Damaged brake drum.
10. Damaged steering knuckle axle seal.
11. Loose brake panel mounting bolt(s).
12. Incorrect breather tube routing.

Table 1 ELECTRIC SHIFT TROUBLE CODES (2003-ON FE AND TE MODELS)

Number of gear indicator blinks	Faulty system	Probable faulty component
1	ECU (writing and recording circuit)	ECU
2	ES shift switch system (up and down)	Shift switch or related wire harness or ECU
3	Angle sensor system	Angle sensor, related wiring or ECU
4	Gear position switch system	Gear position switch, related wiring or ECU
5	ECU motor driver circuit	ECU
6	ECU fail-safe relay circuit	ECU
7	ECU voltage convert circuit	ECU
8	Angle sensor system	Angle sensor, shift control motor, related wiring or ECU
9	Angle sensor system	Angle sensor, related wiring or ECU
10	Ignition pulse generator system	Ignition pulse generator, related wiring or ECU
11	Vehicle speed sensor system	Vehicle speed sensor, related wiring or ECU
12	Gear position switch system	Gear position switch, related wiring or ECU

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